

RIPSTOP™

THE UNBEATEN REFERENCE
FOR IMPACT PROTECTION

PRODUCT SHEET



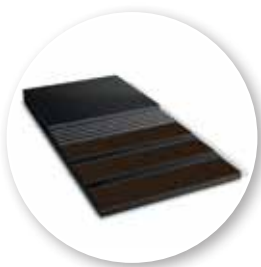
The Ripstop™ range encompasses several options enabling a tailor-made protection of your belt against impact and punctures.

Ripstop belts are based on the Multitrans or Sempercord steel carcass.

They are available with a textile and a metal option.

RIPSTOP™ T

Ripstop T combines the convenience of a textile belt with the strength of steel. The multi-ply carcass structure combined with a super high elastic steel cross reinforcement provides the highest impact protection.



ADVANTAGES OF RIPSTOP T

- Outstanding tear resistance
- Increased fastener retention
- Improved distribution of shocks and thus higher carcass protection

DATA

Ripstop T standard range (other strengths and dimensions are available on request):

- Belt width:** 400 mm to 2600 mm
Nominal belt strength: 400 N/mm with 3 plies
Up to 3150 N/mm with 5 plies

APPLICATIONS



Open-pit and underground mining
Lignite and hard rock mining



Cement industry



Steel industry



Aggregates
Mineral processing plants
Grain and sugar industries



Chemical industry and fertilisers
Port operations
Power and heating plants
Paper and wood industries
Recycling industry

COVERS

- Transdura (anti-abrasive)
- Transflam (flame retardant)
- Transoil (oil resistant)
- Transtherm (heat resistant)
- TransEvo (energy saving)
- Transcold (cold resistant)



RIPSTOP™ M

Ripstop™ M is designed for the toughest applications. It has its own carcass design with three layers of steel, each one embedded in core rubber. The strength comes from cords with higher elasticity, compared to standard steel cord belts. This allows for smaller pulley diameters and provides higher impact protection already.

To further increase the impact protection, two cross reinforcements, one above and one below the longitudinal cords, are placed in the carcass. This high amount of super elastic steel cords in cross direction provides the highest rip and puncture resistance possible while keeping excellent troughability values.

ADVANTAGES OF RIPSTOP M

- Improved distribution of shocks and carcass protection, thus providing impact resistance up to twice as much or more as compared to a normal steel belt
- Highest anti-tear resistance
- Can be used in combination with small pulley diameters

DATA

Ripstop M standard range (other strengths and dimensions are available on request):

Belt width: 600 mm to 1829 mm
Nominal belt strength: 500 N/mm to 2250 N/mm
Warp elongation from 500 to 1600 N/mm less 0.6%, from 1800 to 2250 N/mm less 0.3%. Both depending on the utilised cords.



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